

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S101	2310	347/68.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:44
S102	2310	S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:44
S103	817	347/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:45
S104	817	S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:45
S105	953	347/71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:46
S106	953	S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:46
S107	326	347/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:51
S108	326	S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:51
S109	3372	29/25.35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:52

S110	3372	S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:52
S111	1100	29/890.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:53
S112	1100	S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 11:53
S113	10	sieko adj epson.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 13:53
S114	201204	seiko adj epson.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 13:53
S115	128	S110 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 13:53
S116	47	S115 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 13:54
S117	170	S112 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 13:56
S118	94	S117 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 13:56

S119	2	(passage channel path) near (substrate wafer die base chip) same pressure near chamber same (piezoelectric piezo ferroelectric pzt) near (element actuator device) same (diaphragm (vibration oscillation) adj plate) same sealing near plate same (reservoir manifold (ink fluid liquid) adj chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 13:59
S120	6	(passage channel path) near (substrate wafer die base chip) same pressure near chamber same (piezoelectric piezo ferroelectric pzt) near (element actuator device) same (diaphragm (vibration oscillation) adj plate) same (reservoir manifold (ink fluid liquid) adj chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 13:59
S121	16	(passage channel path) near (substrate wafer die base chip) same pressure near chamber same (piezoelectric piezo ferroelectric pzt) near (element actuator device) same (reservoir manifold (ink fluid liquid) adj chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 14:00
S122	49	(passage channel path) near (substrate wafer die base chip) same (piezoelectric piezo ferroelectric pzt) near (element actuator device) same (reservoir manifold (ink fluid liquid) adj chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 14:11
S123	506	S102 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 14:42
S124	369	S123 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 14:43

S125	271	S104 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 15:38
S126	176	S125 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 15:39
S127	216	S106 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 16:17
S128	144	S127 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 16:18
S129	85	S108 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 16:25
S130	55	S129 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 16:25
S131	3	yasoshima adj takashi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 16:41
S132	1	JP-03079350-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 16:43
S133	206	form\$3 near (passage path channel) near substrate same form\$3 near (reservoir manifold (ink fluid liquid) near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:05
S134	37	S102 and S133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:05

S135	109	sealing near plate same (manufacture\$3 form\$3) near (reservoir manifold (ink fluid liquid) near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:07
S136	14	S102 and S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:07
S137	17	S104 and S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:13
S138	14	S106 and S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:14
S139	3	S108 and S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:15
S140	2	S110 and S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:15
S141	4	S112 and S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:17
S142	292	sealing near plate and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:18
S143	92	S142 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:18
S144	272254	form\$3 near mask same sealing near plate same form\$3 near (reservoir manifold (ink fluid liquid) near chamber) same remove\$3 near mask same form\$3 protective near (layer material film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:48

S145	0	form\$3 near mask same sealing near plate same form\$3 near (reservoir manifold (ink fluid liquid) near chamber) same remove\$3 near mask same form\$3 near protective near (layer material film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:48
S146	2	form\$3 near mask same form\$3 near (reservoir manifold (ink fluid liquid) near chamber) same remove\$3 near mask	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:49
S147	0	form\$3 near mask same sealing near plate same form\$3 near (reservoir manifold (ink fluid liquid) near chamber) same remove\$3 near mask	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:59
S148	1	form\$3 near mask same sealing near plate same form\$3 near (reservoir manifold (ink fluid liquid) near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:59
S149	14	form\$3 near mask same sealing near plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 17:59
S150	0	("2006/0152548").URPN.	USPAT	OR	ON	2009/04/03 18:00
S151	61	S114 and form\$3 near mask same remove\$3 near mask	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 18:03
S152	0	S114 and form\$3 near mask same remove\$3 near mask same sealing near plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 18:03
S153	815	216/27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 18:07
S154	41	S114 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 18:08

S156	11	S153 and form\$3 near mask same remove\$3 near mask	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 18:47
S157	417	438/21.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 18:49
S158	18	S114 and S157	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/03 18:57
S159	2	("20040134881"   "6758554").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/03 18:58
S160	0	("7402256").URPN.	USPAT	OR	ON	2009/04/03 18:59
S161	7	("5922218"   "5956829"   "6109736"   "6332254"   "6334244"   "6345424"   "6382781").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/03 18:59
S162	2	JP-2002160366-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 13:42
S163	815	216/27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 14:32
S164	389	S163 and @py<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 15:00

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